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# **Notice of Allowability**

**Application No.**

10/789,823

**Examiner**

Gunyoung T. Lee

**Applicant(s)**

WATSON ET AL.

**Art Unit**

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/10/2005.
2. ☒ The allowed claim(s) is/are 1, 5-11 and 15-20.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## **Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment filed on November 10, 2005 has been entered:
  - Claims 1, 5-6, 11 and 17-19 have been amended;
  - Claims 2-4 and 12-14 have been cancelled;

### ***Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Alexander D. Forman (# 51,691) on November 29, 2005.

### **Claims**

4. The claims have been amended as follows:
  - a. Claim 1, line 2, delete "movable".  
Claim 1, line 2, following "first", insert --adjustable--.  
Claim 1, line 3, delete "movable".  
Claim 1, line 3, following "second", insert --separately adjustable--.

Claim 1, line 8, following “simultaneously”, insert --when the first reflector is adjusted--.

b. Claim 11, line 5, delete “movable”.

Claim 11, line 5, following the 1<sup>st</sup> appearance “first”, insert --adjustable--.

Claim 11, line 6, delete “movable”.

Claim 11, line 6, following the 1<sup>st</sup> appearance “second”, insert --separately adjustable--.

Claim 11, line 17, delete “simultaneously”.

Claim 11, line 17, following the 2<sup>nd</sup> appearance “first”, insert --reflector, which moves the first--.

c. Claim 17, line 2, delete “movable”.

Claim 17, line 2, following “first”, insert --adjustable--.

Claim 17, line 3, delete “movable”.

Claim 17, line 3, following “second”, insert --separately adjustable--.

***Allowable Subject Matter***

5. Claims 1, 5-11 and 15-20 are allowed.
6. The following is the examiner's statement of reasons for allowance:

7. Claim 1 is allowed because in part recites a headlight lamp assembly having “a first adjustable reflector, a second adjustable reflector and an adjuster bracket having a threaded cylinder and connecting the first and second reflectors,” wherein “the second reflector has at least one ball socket and is a separately adjustable reflector” and “the adjuster bracket, the first reflector and the second reflector move simultaneously when the first reflector is adjusted.” This unique combination in a headlight lamp assembly is not taught by the prior art of record, and it allows adjusting the aim direction of low (or high) beam of the headlight lamp without changing the direction of the other beam. This allows the driver to adjust the aiming direction (angle) of a low beam from its manufacturer’s default setting to the optimal angle for the driver without changing the aiming angle of the high beam, which provides more comfortable driving condition and thereby improves the safety of the driver significantly at night or on a cloudy day. Further, the first and second reflectors connected by the adjuster bracket can be repaired separately when one of them is damaged. Repairing a single reflector costs much less than replacing the entire headlight lamp system. Thus, the headlight lamp with the unique features described above will cost less in maintenance.

8. Claim 17 is allowed because in part recites an headlight lamp assembly having “a first adjustable reflector, a second adjustable reflector and a means for connecting the first and second reflectors,” wherein “the second reflector has at least one ball socket and is separately adjustable without moving the first reflector” and “any adjustment of the first reflector will cause a corresponding adjustment in the second

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reflector.” This unique combination in a headlight lamp assembly is not taught by the prior art of record, and it allows adjusting the aim direction of low (or high) beam of the headlight lamp without changing the direction of the other beam. This allows the driver to adjust the aiming direction (angle) of a low beam from its manufacturer’s default setting to the optimal angle for the driver without changing the aiming angle of the high beam, which provides more comfortable driving condition and thereby improves the safety of the driver significantly at night or on a cloudy day. Further, the first and second reflectors connected by a connecting means can be repaired separately when one of them is damaged. Repairing a single reflector costs much less than replacing the entire headlight lamp system. Thus, the headlight lamp with the unique features described above will cost less in maintenance.

9. Claim 11 is allowed because claim 11 is drawn to an operational method corresponding to the apparatus of claim 1.
10. Claims 5-10 are allowed because of their dependency upon independent claim 1.
11. Claims 15 and 16 are allowed because of their dependency upon independent claim 11.
12. Claims 18-20 are allowed because of their dependency upon independent claim 17.

13. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

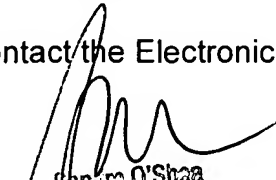
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gunyoung T. Lee whose telephone number is (571) 272-8588. The examiner can normally be reached between 7:30 - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra L. O'Shea can be reached at (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GTL  
12/1/2005

  
Sandra O'Shea  
Supervisory Patent Examiner  
Technology Center 2800